

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056120.D
 Acq On : 8 Jun 2019 00:21
 Operator : JC/SP
 Sample : K3193-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P-4-OW

Quant Time: Jun 08 07:12:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

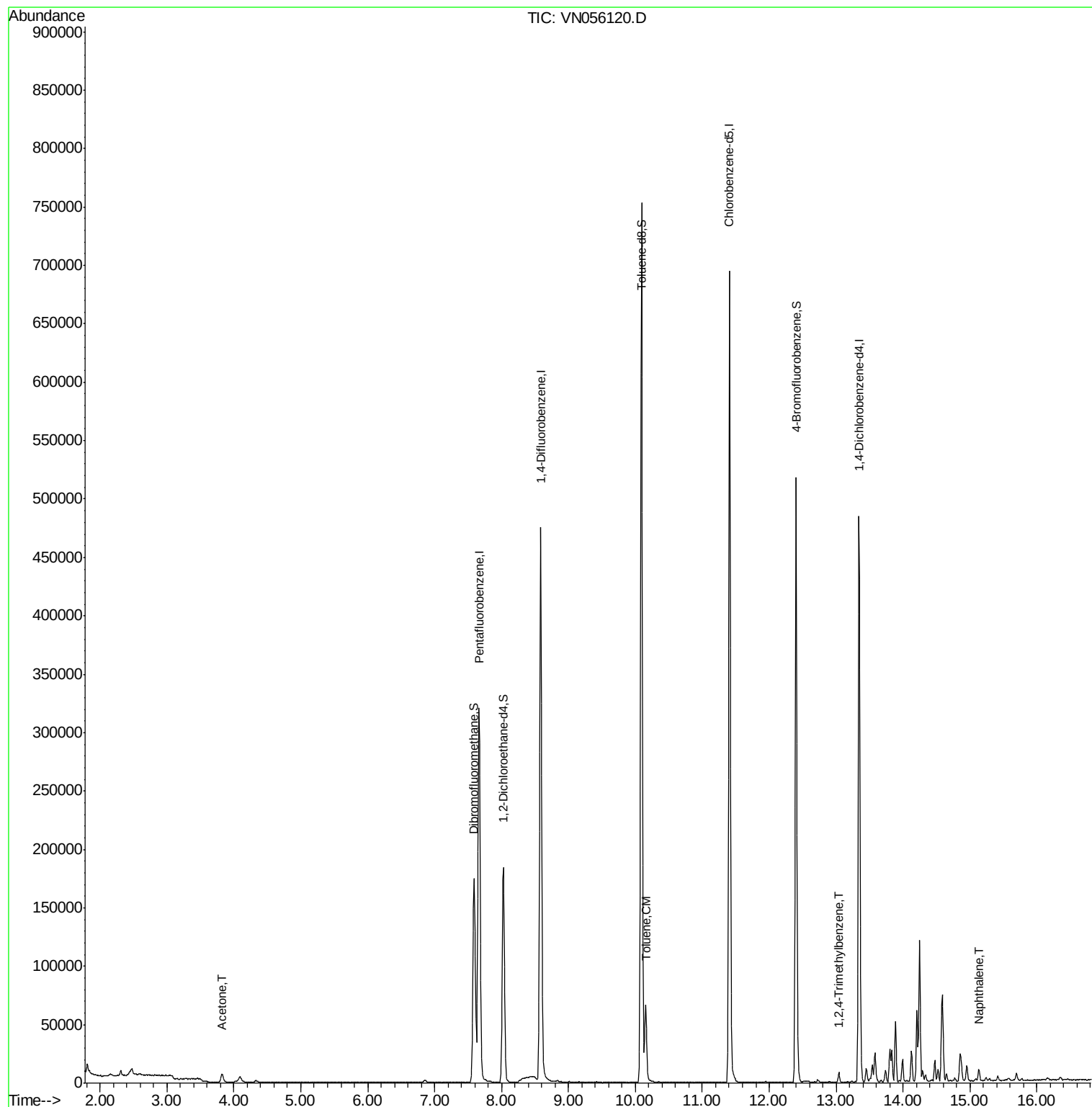
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	308600	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	468394	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	446498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	149368	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	154178	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
35) Dibromofluoromethane	7.59	113	133665	46.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.02%	
50) Toluene-d8	10.09	98	563560	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.92%	
62) 4-Bromofluorobenzene	12.40	95	183510	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
Target Compounds						
16) Acetone	3.82	43	11785	8.042	ug/l	92
52) Toluene	10.16	92	28104	3.692	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	5827	0.612	ug/l	92
95) Naphthalene	15.13	128	10227	5.173	ug/l	98

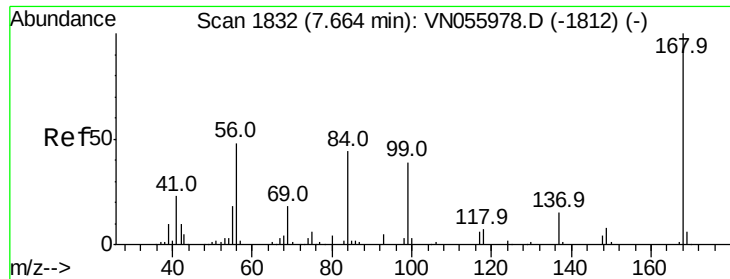
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN060819\
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Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056120.D

Acq: 8 Jun 2019 00:21

Instrument :

MSVOA_N

ClientSampleId :

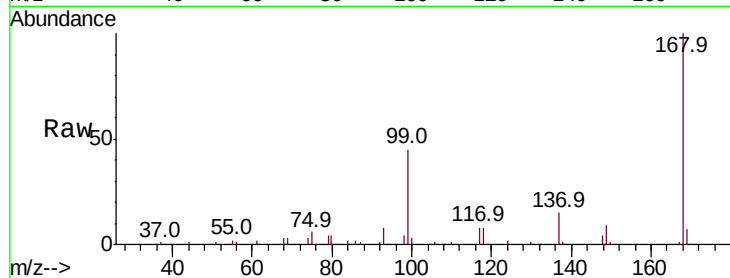
P-4-OW

Tot Ion:168 Resp: 308600

Ion Ratio Lower Upper

168 100

99 45.3 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN056120.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN056120.D (-1739) (-)

7.66

150000

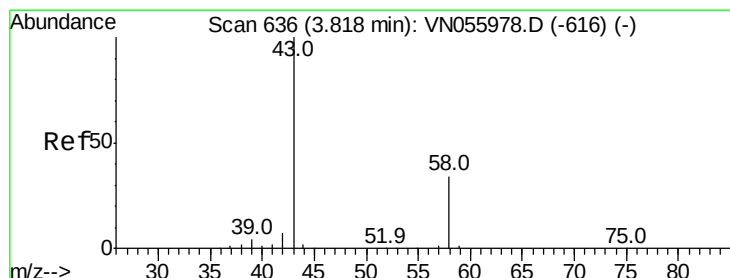
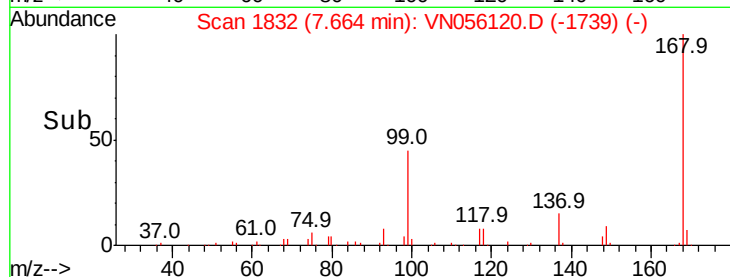
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 8.042 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056120.D

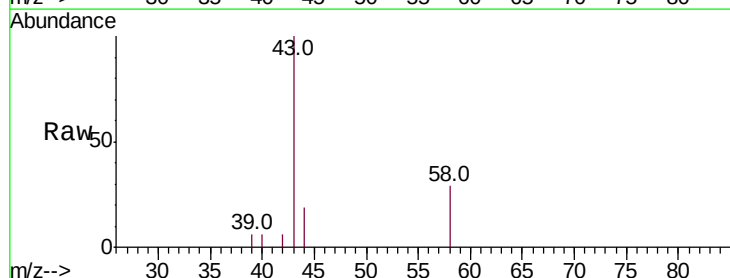
Acq: 8 Jun 2019 00:21

Tgt Ion: 43 Resp: 11785

Ion Ratio Lower Upper

43 100

58 28.9 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN056120.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN056120.D (-543) (-)

3.82

5000

4000

3000

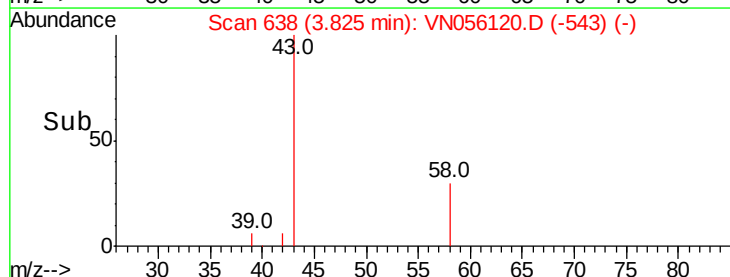
2000

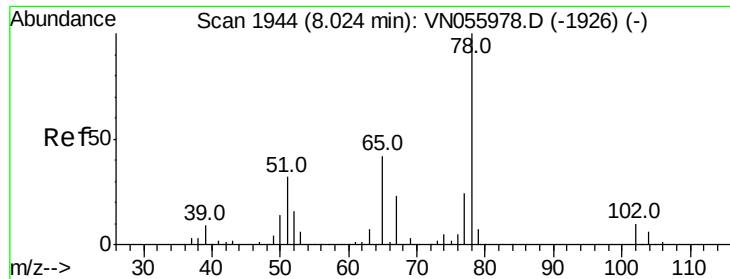
1000

0

3.75 3.80 3.85 3.90

Time-->

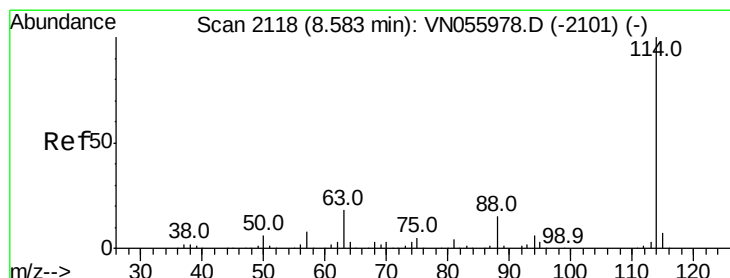
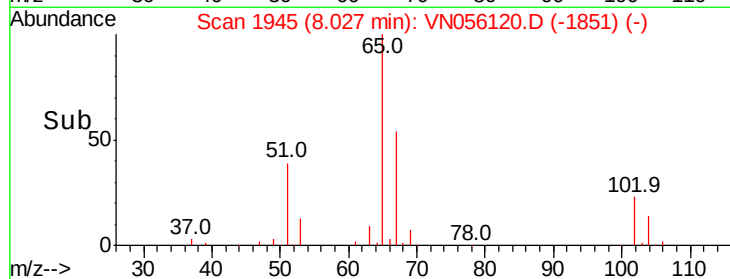
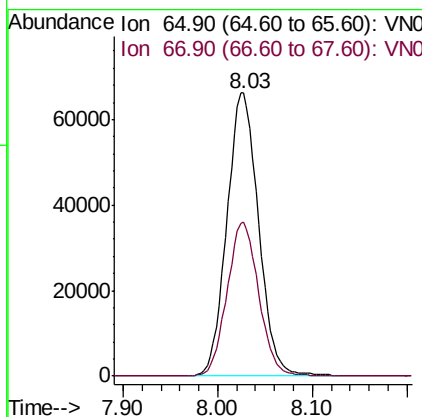
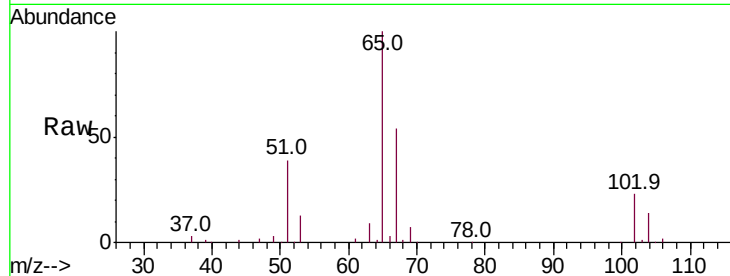




#33
 1,2-Dichloroethane-d4
 Concen: 50.317 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056120.D
 Acq: 8 Jun 2019 00:21

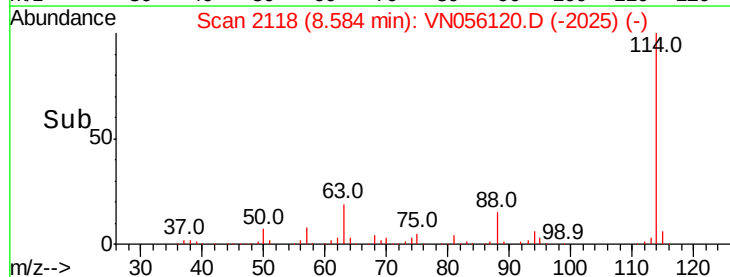
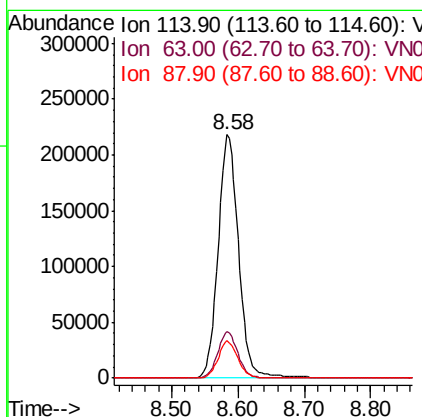
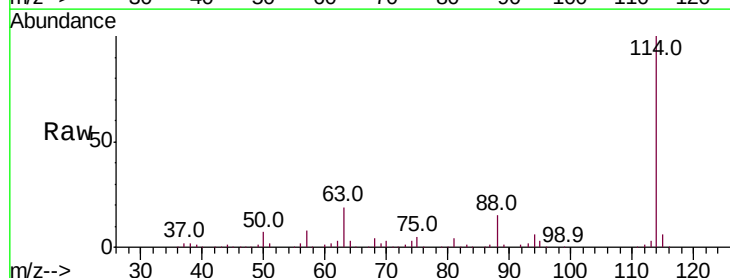
Instrument :
 MSVOA_N
 ClientSampleId :
 P-4-OW

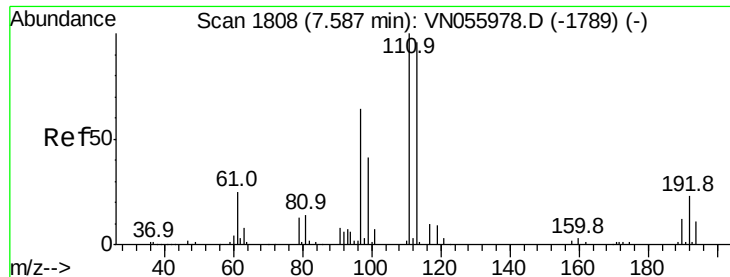
Tot Ion: 65 Resp: 154178
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056120.D
 Acq: 8 Jun 2019 00:21

Tgt Ion: 114 Resp: 468394
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.2
 88 15.2 0.0 31.0

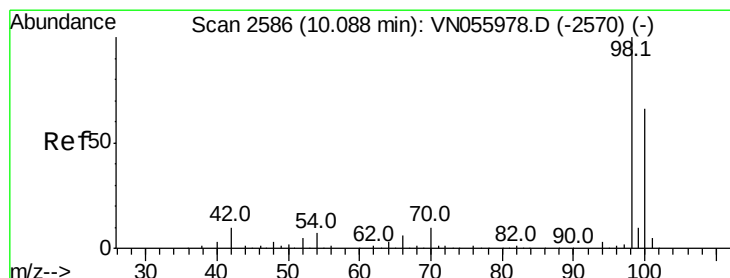
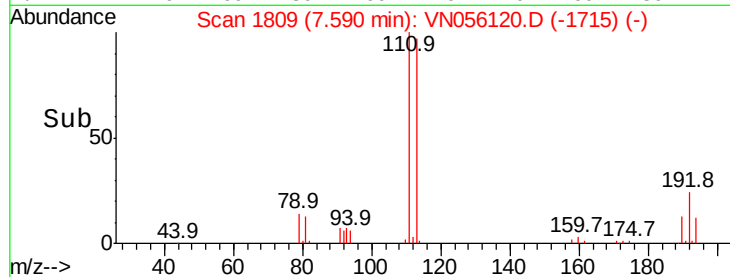
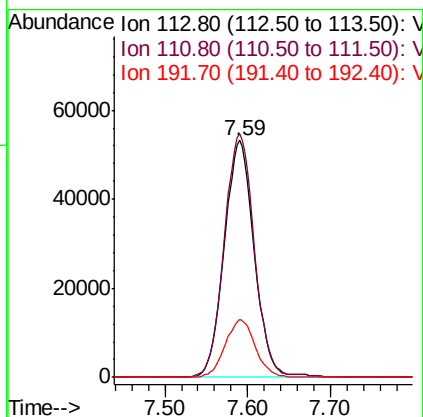
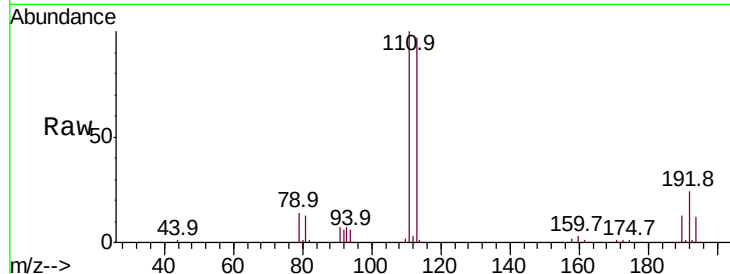




#35
 Dibromofluoromethane
 Concen: 46.512 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056120.D
 Acq: 8 Jun 2019 00:21

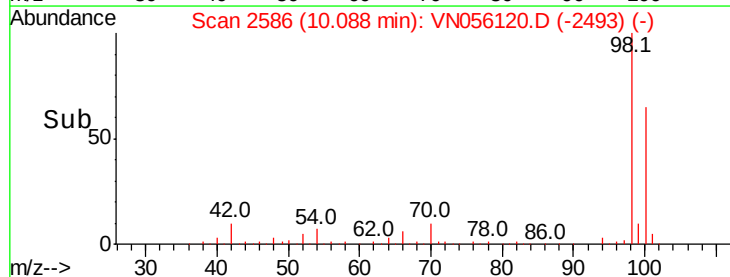
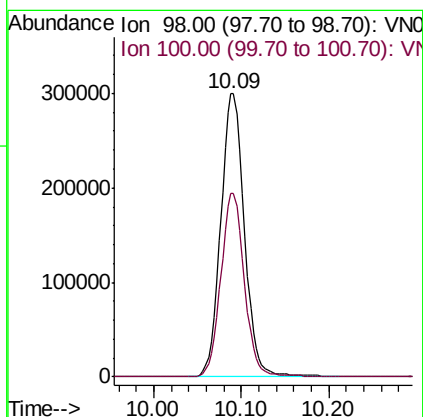
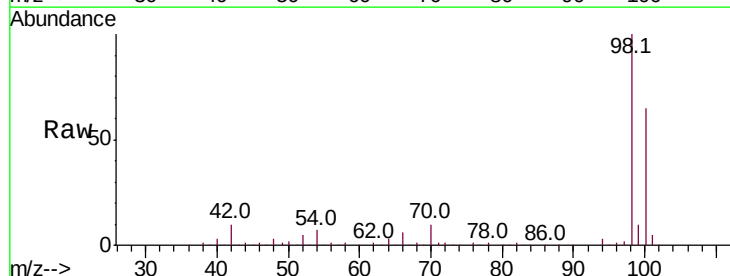
Instrument :
 MSVOA_N
 ClientSampleId :
 P-4-OW

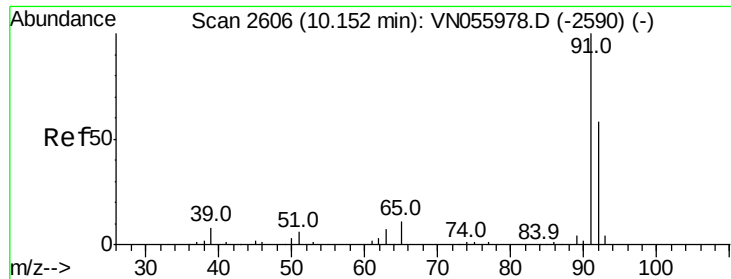
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.9	122.9
192	24.3	19.5	29.3



#50
 Toluene-d8
 Concen: 50.963 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. 0.00 min
 Lab File: VN056120.D
 Acq: 8 Jun 2019 00:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.9	77.9





#52

Toluene

Concen: 3.692 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056120.D

Acq: 8 Jun 2019 00:21

Instrument :

MSVOA_N

ClientSampleId :

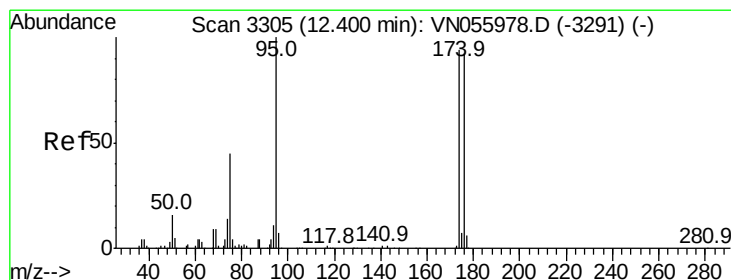
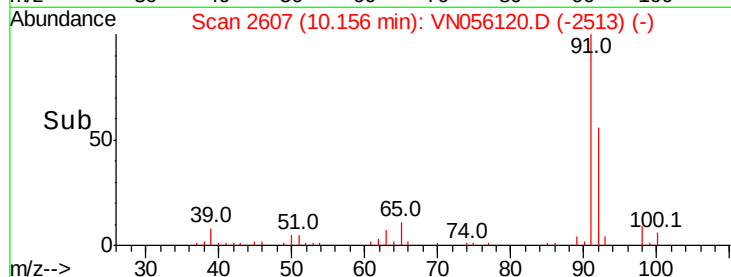
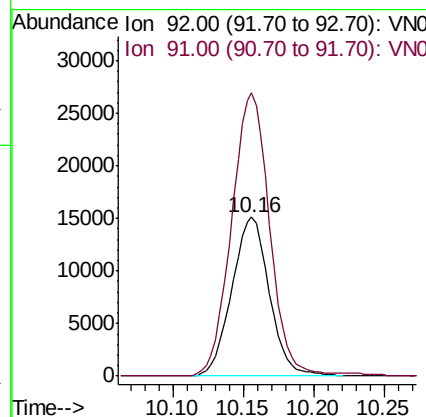
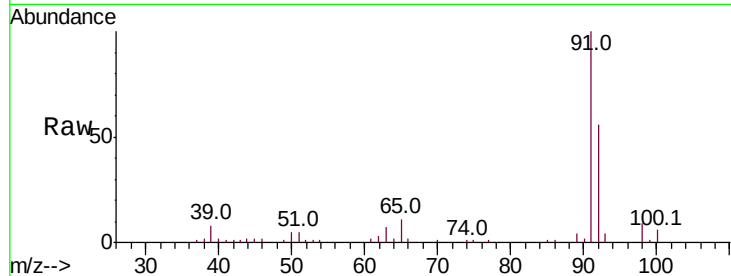
P-4-OW

Tot Ion: 92 Resp: 28104

Ion Ratio Lower Upper

92 100

91 182.2 139.4 209.2



#62

4-Bromofluorobenzene

Concen: 48.798 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056120.D

Acq: 8 Jun 2019 00:21

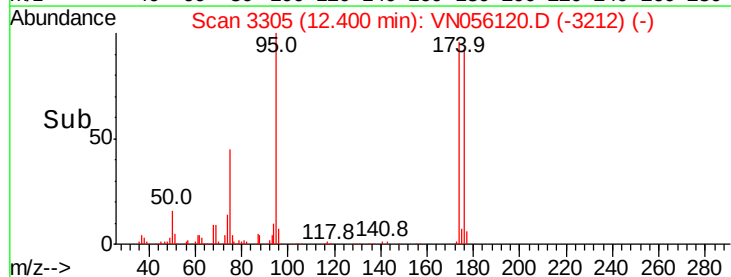
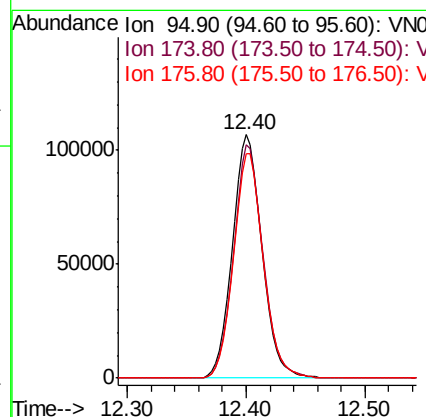
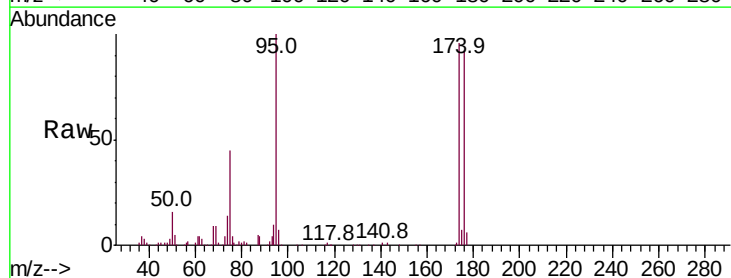
Tgt Ion: 95 Resp: 183510

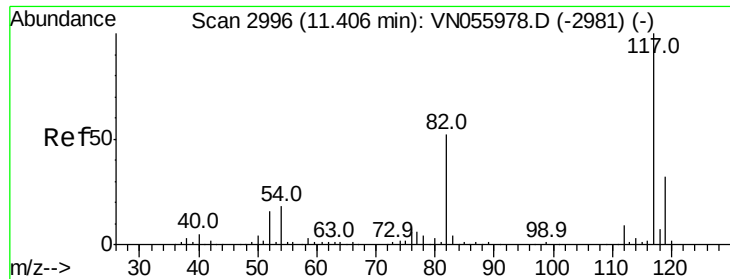
Ion Ratio Lower Upper

95 100

174 95.2 0.0 191.0

176 92.8 0.0 185.2

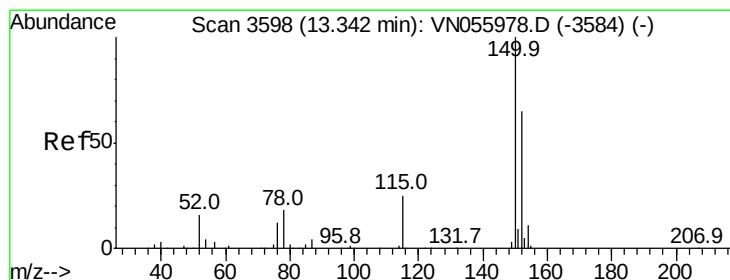
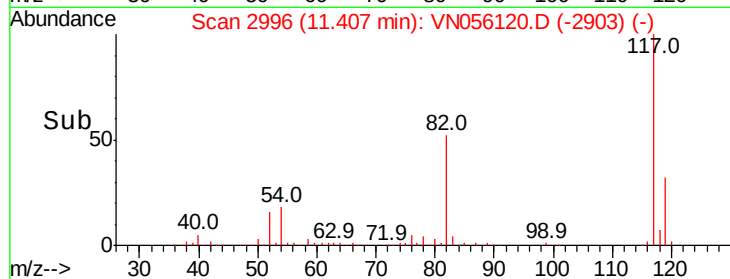
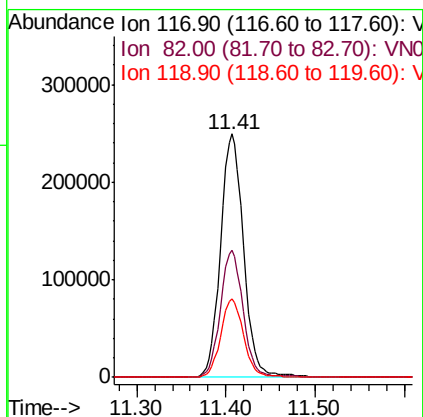
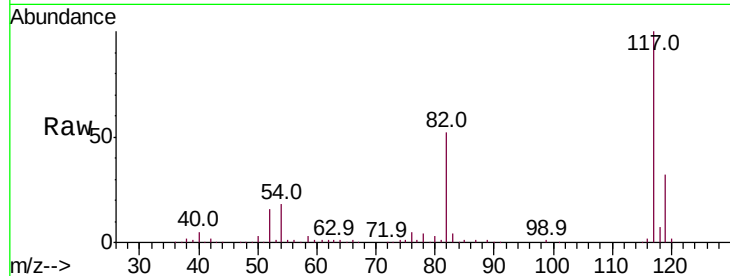




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056120.D
Acq: 8 Jun 2019 00:21

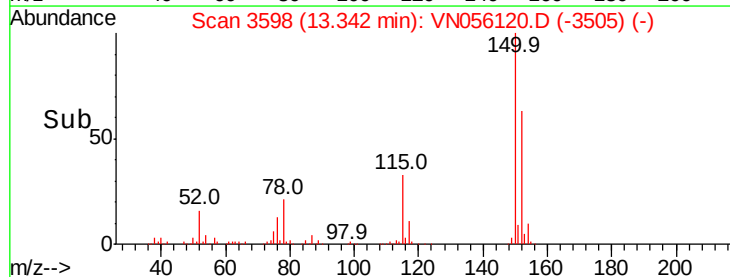
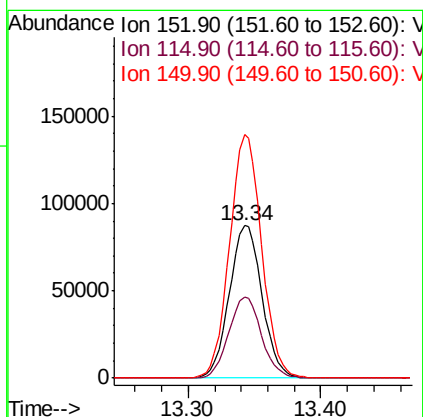
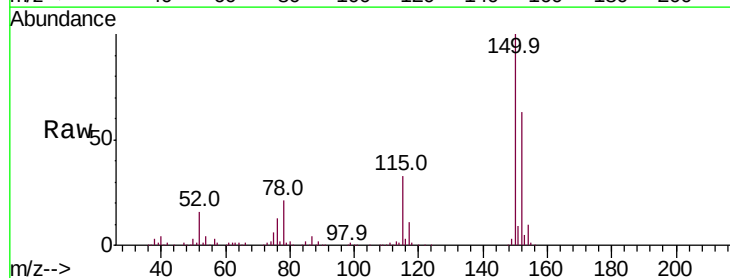
Instrument :
MSVOA_N
ClientSampled :
P-4-OW

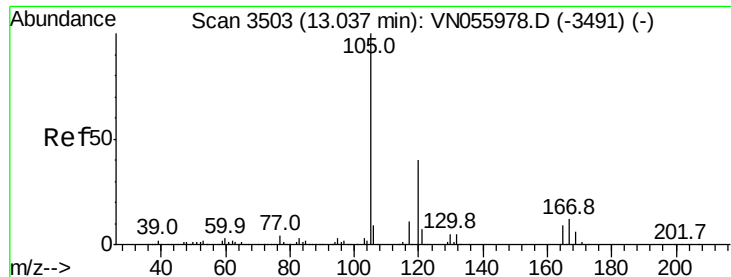
Tot Ion:117 Resp: 446498
Ion Ratio Lower Upper
117 100
82 52.4 41.8 62.8
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056120.D
Acq: 8 Jun 2019 00:21

Tgt Ion:152 Resp: 149368
Ion Ratio Lower Upper
152 100
115 53.3 27.0 81.0
150 156.7 0.0 343.2

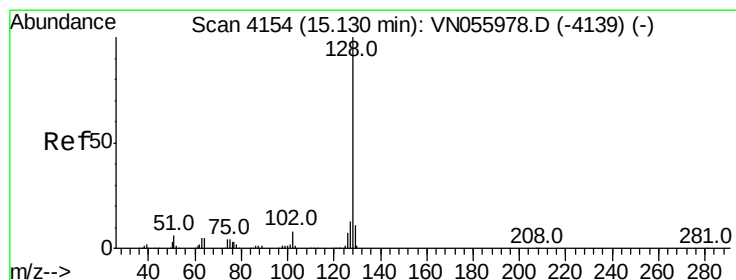
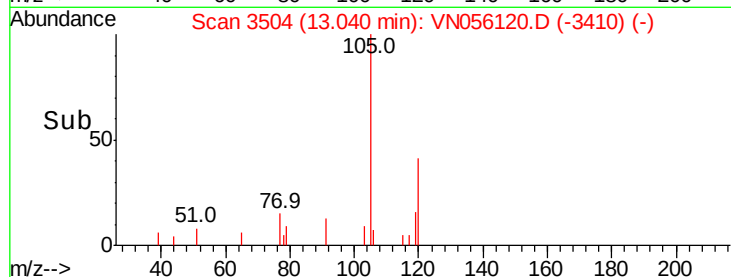
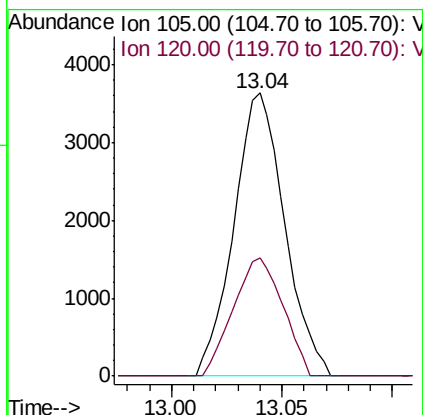
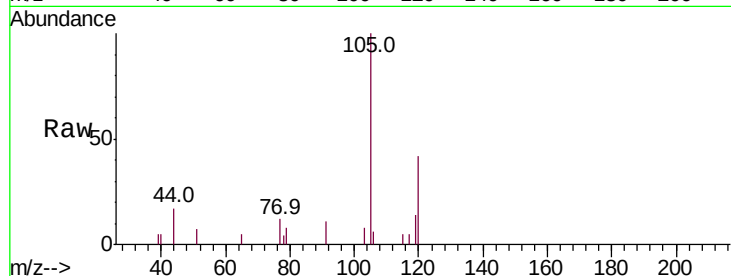




#84
 1,2,4-Trimethylbenzene
 Concen: 0.612 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN056120.D
 Acq: 8 Jun 2019 00:21

Instrument :
 MSVOA_N
 ClientSampleId :
 P-4-OW

Tot Ion:105 Resp: 5827
 Ion Ratio Lower Upper
 105 100
 120 40.7 23.0 69.0



#95
 Naphthalene
 Concen: 5.173 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN056120.D
 Acq: 8 Jun 2019 00:21

Tgt Ion:128 Resp: 10227
 Ion Ratio Lower Upper
 128 100
 127 12.3 10.3 15.5
 129 12.0 8.7 13.1

